

S/N 10/813,612

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	M. SHIBUYA
Serial No.:	10/813,612	Group Art Unit:	1639
Confirmation No.:	4342		
Filed:	MARCH 29, 2004	Docket No.:	14095.5USU1
Title:	ARTIFICIAL RECEPTORS INCLUDING REVERSIBLY IMMOBILIZED BUILDING BLOCKS AND METHODS		

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**SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT (37 C.F.R. § 1.97(c))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Please charge the amount of \$180.00 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449 to Deposit Account No. 13-2725.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

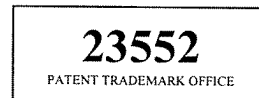
Respectfully submitted,

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Date: 21 May '07

MTS:kf

Mark T. Skoog  
Mark T. Skoog  
Reg. No. 40,178



Date: 5-21-07

Sheet 1 of 2

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14095.5USU1	Application Number: 10/813,612
	Applicant: CARLSON	
	Filing Date: 03/29/2004	Group Art Unit: 1639

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,453,533	09/26/1995	LUO ET AL.				
	5,990,163	11/23/1999	EVANS ET AL.				
	6,346,423	02/12/2002	SCHEMBRI				
	6,652,835	11/25/2003	LAUFFER ET AL.				
	7,018,792	03/28/2006	SWANSON ET AL.				
	2002/0019015	02/14/2002	LAHIRI ET AL.				
	2003/0083235	05/01/2003	DANISHEFSKY ET AL.				
	2004/0102607	05/27/2004	DANISHEFSKY ET AL.				
	2004/0151733	08/05/2004	LIVINGSTON ET AL.				
	2004/0208884	10/21/2004	DANISHEFSKY ET AL.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 2004/011476	02/05/2004	WIPO				
	WO 2006/017180	02/16/2006	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Adams et al., "Oligosaccharide and Glycoprotein Micorarrays as Tools in HIV Glycobiology: Glycan-Dependent gp120/Protein Interactions," <i>Chemistry &amp; Biology</i> , Vol. 11, 875-881, June 2004					
		Bryan et al., "Saccharide Display on Microtiter Plates," <i>Chemistry &amp; Biology</i> , Vol. 9, 713-720, June 2002					
		Bryan et al., "Covalent Display of Oligosaccharide Arrays in Microtiter Plates," <i>J. Am Chem. Soc.</i> 2004, 126, 8640-8641					
		Cho et al., "Pin-Printed Chemical Sensor Arrays for Simultaneous Multianalyte Quantification," <i>Anal. Chem.</i>					

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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		2002, 74, 1462-1466
		Collins et al., "Cell Surface Biology Mediated by Low Affinity Multivalent Protein-Glycan Interactions," <i>Current Opinion in Chemical Biology</i> , 2004,8:617-625
		Disney et al., "Aminoglycoside Microarrays to Study Antibiotic Resistance," <i>Angew. Chem. Int. Ed.</i> 2004, 43, 1591-1594
		Disney et al., "Aminoglycoside Microarrays to Explore Interactions of Antibiotics with RNAs and Proteins," <i>Chem. Eur J.</i> , 2004, 10, 3308-3314
		Disney et al., "The Use of Carbohydrate Microarrays to Study Carbohydrate-Cell Interactions and to Detect Pathogens," <i>Chemistry &amp; Biology</i> , Vol. 11, 1701-1707, December 2004
		Fukui et al., "Oligosaccharide Microarrays for High-Throughput Detection and Specificity Assignments of Carbohydrate-Protein Interactions," <i>Nature Biotechnology</i> , October 2002, Volume 20, 1011-1017
		Houseman et al., "Carbohydrate Arrays for the Evaluation of Protein Binding and Enzymatic Modification," <i>Chemistry &amp; Biology</i> , Vol. 9, 443-454, April 2002
		Kuruvilla et al., "Dissecting Glucose Signalling with Diversity-Oriented Synthesis and Small-Molecule Microarrays," <i>Nature</i> , Vol. 416, April 2002, 653-657
		Mahal, "Catching Bacteria with Sugar," <i>Chemistry &amp; Biology</i> , Vol. 11, December 2004
		Mellet et al., "Carbohydrate Microarrays," <i>ChemBioChem</i> , 2002, 3, 819-822
		Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," <i>Anal. Chem.</i> , 1998, 70, 1242-1248
		Ni et al., "Synthesis of Maleimide-Activated Carbohydrates as Chemoselective Tags for Site-Specific Glycosylation of Peptides and Proteins," <i>Bioconjugate Chem.</i> , 2003, 14, 232-238
		Nimrichter et al., "Intact Cell Adhesion to Glycan Microarrays," <i>Glycobiology</i> , Vol. 14, No. 2, pp. 197-203, 2004
		Ratner et al., "Probing Protein-Carbohydrate Interactions with Microarrays of Synthetic Oligosaccharides," <i>ChemBioChem</i> , 2004, 5, 379-383
		Sasmai et al., "Facile Purification of Rare Cucurbiturils by Affinity Chromatography," <i>Organic Letters</i> , 2004, Vol. 6, No. 8, 1225-1228

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PATENT TRADEMARK OFFICE

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